



# Montgomery County Public Libraries Silver Spring Branch



## Schematic Design Presentation

November 7, 2009

The  
Lukmire  
Partnership

## Project Goals

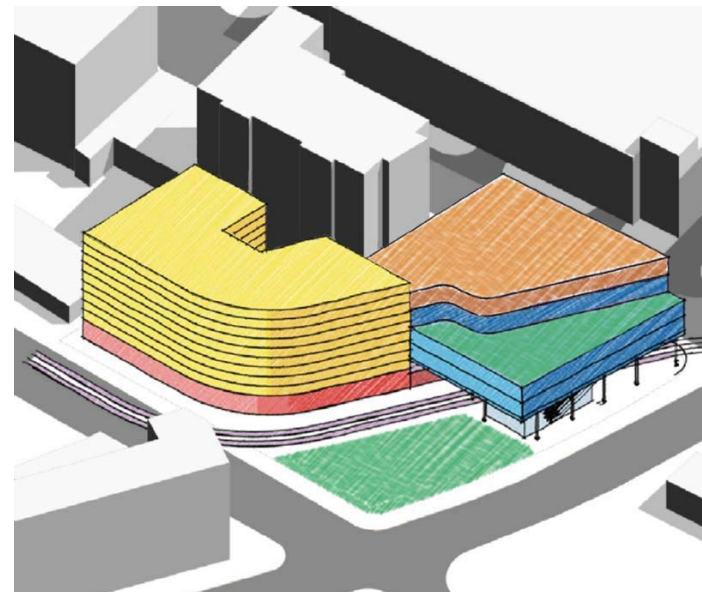
- Provide a State-of-the-Art Library
- Showcase the Library
  - Community Focus
  - Mixed use public facility and transit stop
- Provide Convenient Public Access
- Create Memorable Architecture / Cultural Landmark
- Respond to the Fenton Village Plan
- Create an Open, Inviting, Flexible Environment
  - Take advantage of views to and from Library
  - Visually & thematically transparent
- Follow Sustainable Design Principles
  - Design a Silver LEED Building





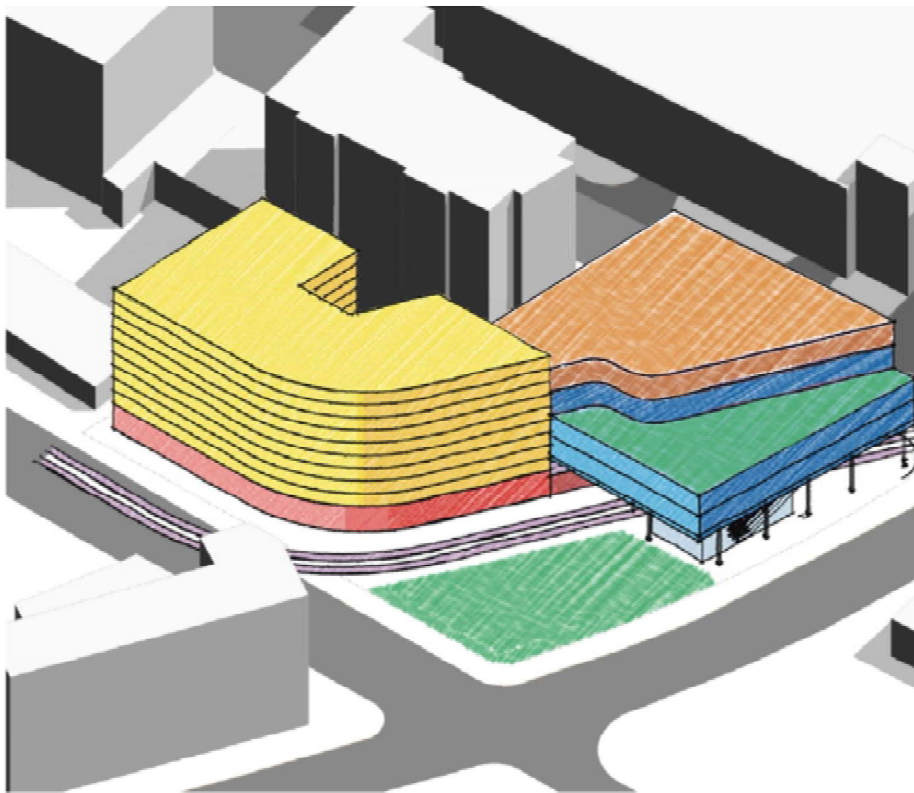
## Project Parameters

- Purple Line will traverse the site
- Site Master Plan Established
  - Maximize County's investment in site
  - Library Site as anchor to Fenton Village
- Building Program Established
  - Major investment in expanded Library programs & spaces
  - Synergy of Arts & Library public-private partnership
- Parking provided in Wayne Ave. Garage
  - Maximize County's investment in existing facility
  - No new parking to be built, achieving LEED criteria
- Building to be 7 Stories Tall



# Master Plan

- As Endorsed by the County Executive and HHS Subcommittee of the County Council



Option 1c

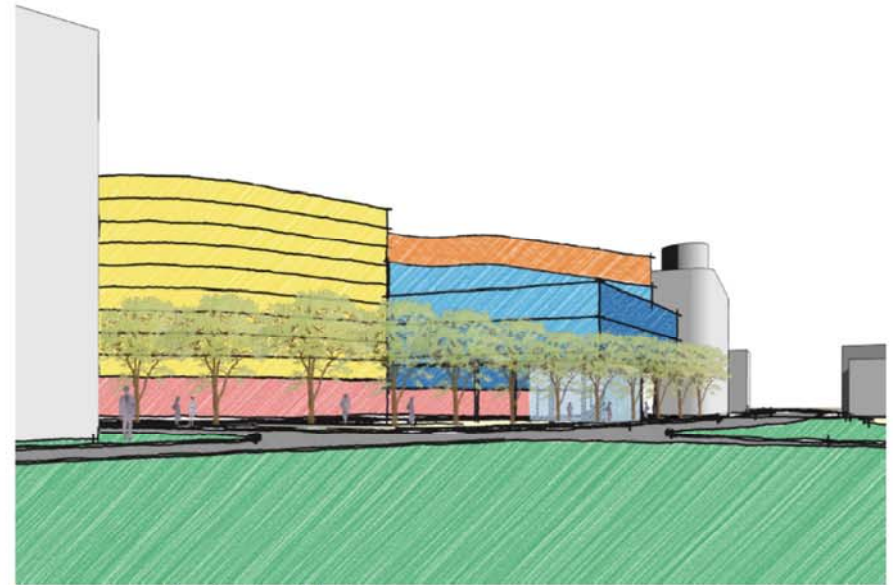
PROGRAM	LEVEL	AREA (SF)
LIBRARY	1	2,000
LIBRARY	3	23,000
LIBRARY	4	23,000
LIBRARY	5	15,000
<b>TOTAL LIBRARY</b>		<b>63,000</b>
ARTS CENTER	1	5,000
ARTS CENTER	2	15,000
<b>TOTAL ARTS CENTER</b>		<b>20,000</b>
RESIDENTIAL	1	2,000
RESIDENTIAL	2	16,000
RESIDENTIAL	3	16,000
RESIDENTIAL	4	16,000
RESIDENTIAL	5	16,000
RESIDENTIAL	6	16,000
RESIDENTIAL	7	16,000
RESIDENTIAL	8	16,000
RESIDENTIAL	9	16,000
RESIDENTIAL	10	16,000
<b>TOTAL RESIDENTIAL</b>	<b>146 UNITS</b>	<b>146,000</b>
RETAIL	1	22,000
COUNTY OFFICE	6	15,000
<b>TOTAL GROSS AREA</b>		<b>266,000</b>
<b>OPEN SPACE</b>		<b>AREA (SF)</b>
GROUND LEVEL PLAZA		8,000
PURPLE LINE AREA		15,000
<b>TOTAL 'OPEN SPACE'</b>		<b>22,000</b>
<b>GREEN ROOF</b>		<b>AREA (SF)</b>
RESIDENTIAL	2	3000
LIBRARY	5	6000

# Master Plan Massing



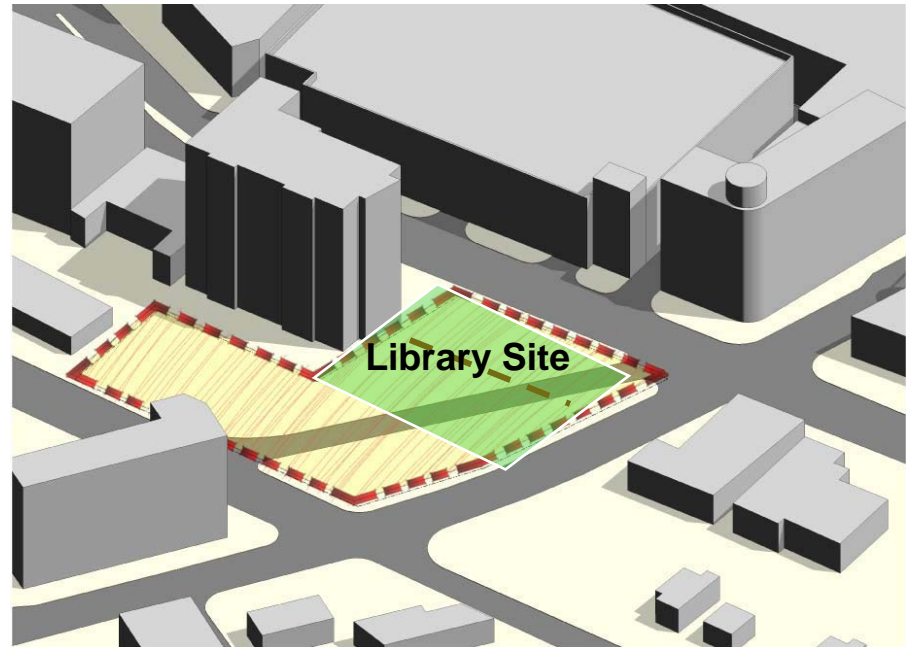
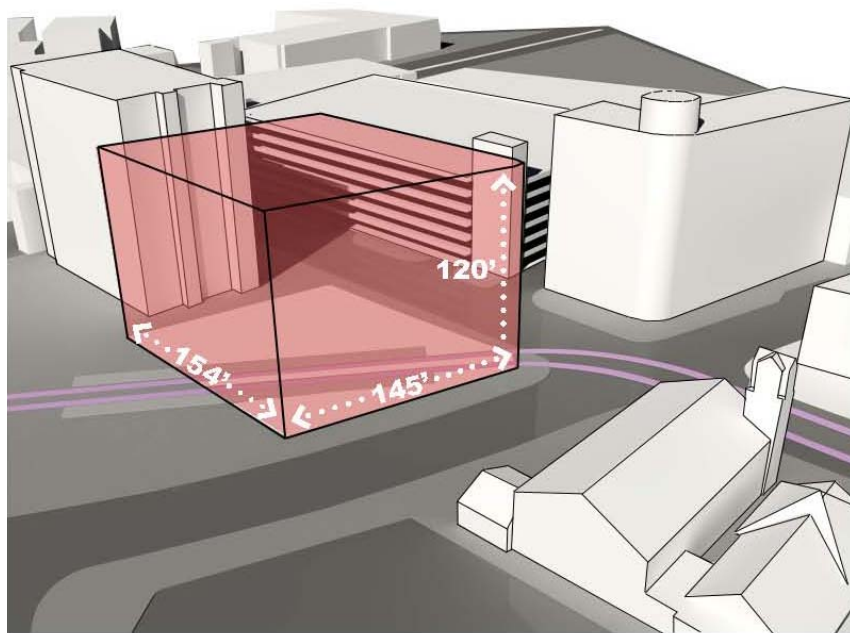
Perspective - Fenton and Wayne

**Option 1C**



Perspective - Bonifant and Fenton

# Library Site



Zoning Limitations- Height, Width,



# Building Program

- Library : 65,000 SF
- Arts Component : 20,000 SF
- County Office : 16,000 SF
- Total .....101,000 SF



# Project Issues

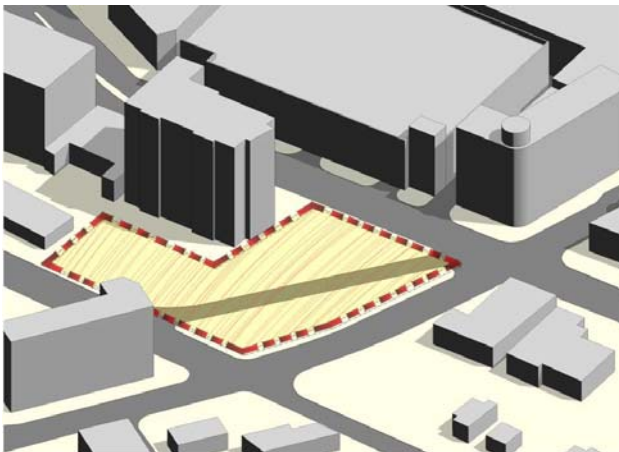
1. Library Access
2. Library Organization
3. Public Open Space
4. Library Exterior Appearance
  - LEED Design Approach
5. Plan for future Transit Station





## Issue 1 - Library Access

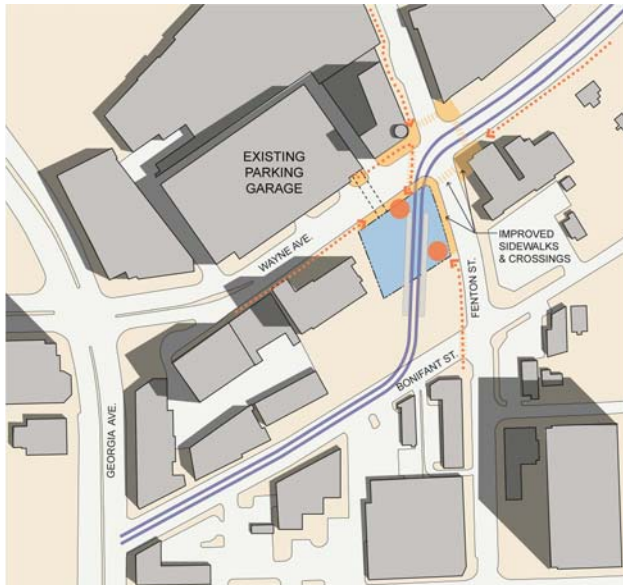
- Pedestrians from surrounding streets
- Purple Line & Bus Patrons
- Patrons who park in the Garage
  - including disabled patrons
- Bicyclists
- Service Vehicles & Patron Drop-Off



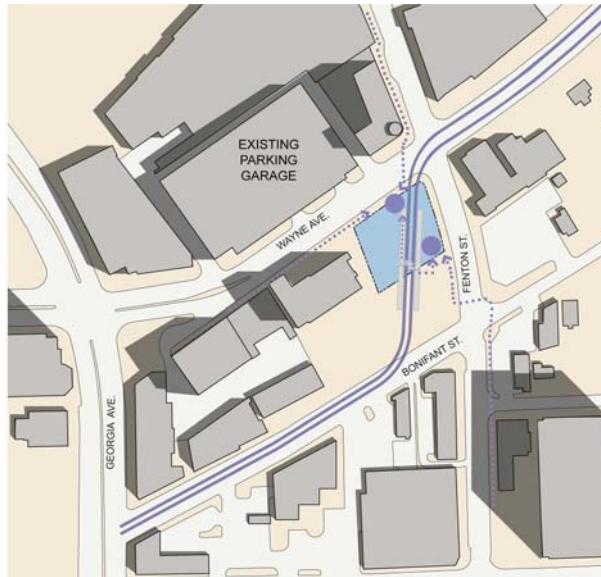
# Issue 1 - Library Access

## Opportunities

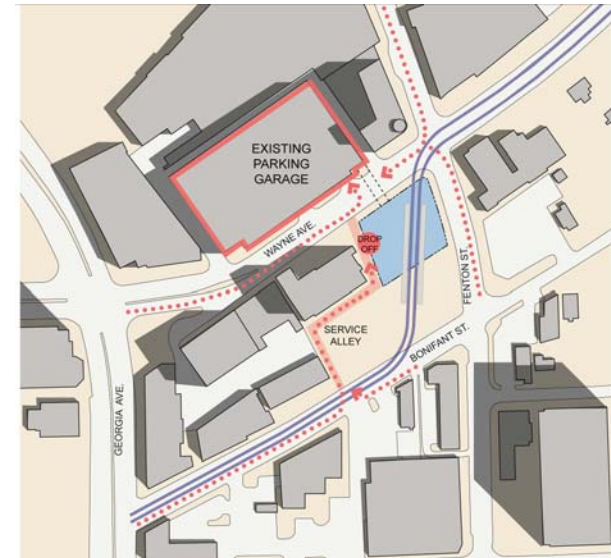
Lobby Entry near corner of Wayne & Fenton  
Entry from Fenton Village & Public Plaza  
Use of existing Parking Garage



Pedestrians



Transit



Vehicles

## Issue 2 - Library Organization

### CRITERIA

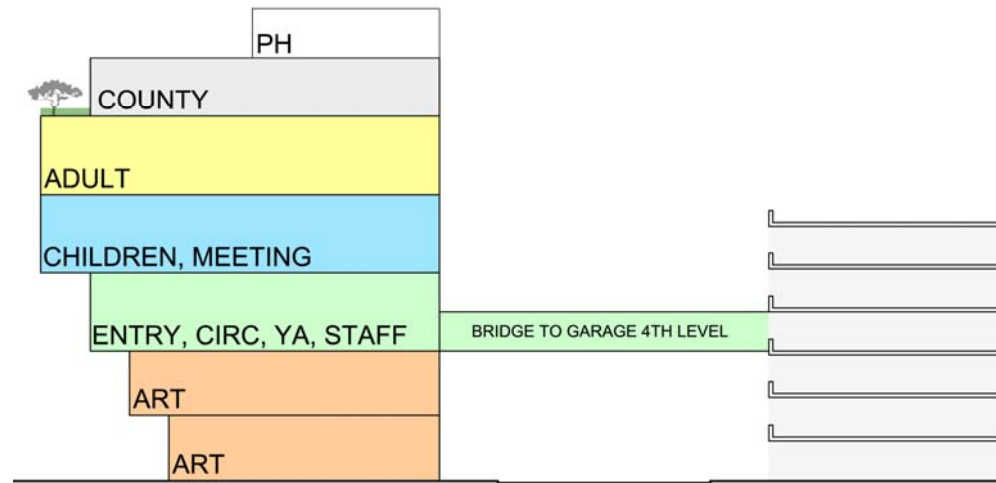
- Activate the Ground Floor
- Library must have one Point of Control
- Handicap parking access from the Wayne Ave Garage
- 1<sup>st</sup> floor max size is 8,000 SF to allow for Transit Station Platform
- 2<sup>nd</sup> floor max size is 11,000 SF
- 3<sup>rd</sup> floor spans over the Purple Line
- 4<sup>th</sup> & 5<sup>th</sup> floors are 22,000 SF
  - Library needs 22,000 SF on at least 2 floors to fit collection
- 6<sup>th</sup> & 7<sup>th</sup> floors can be up to 16,000 SF



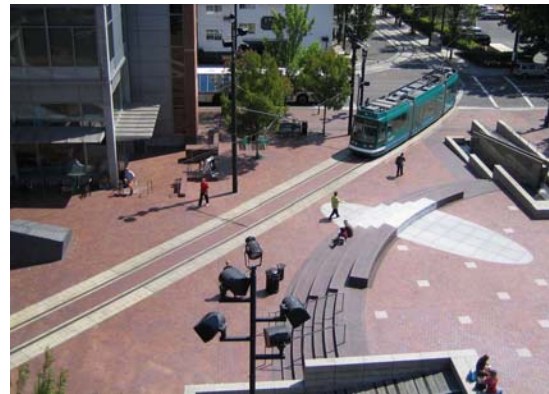
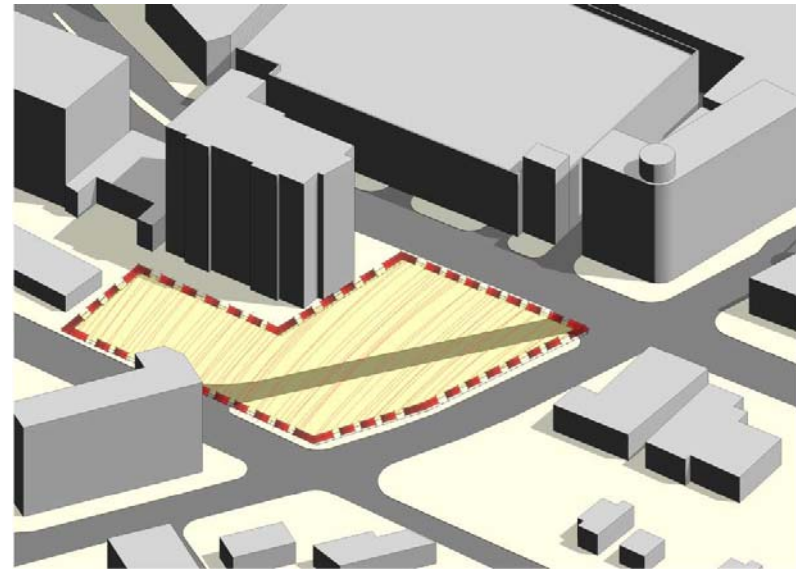


## Issue 2 - Library Organization

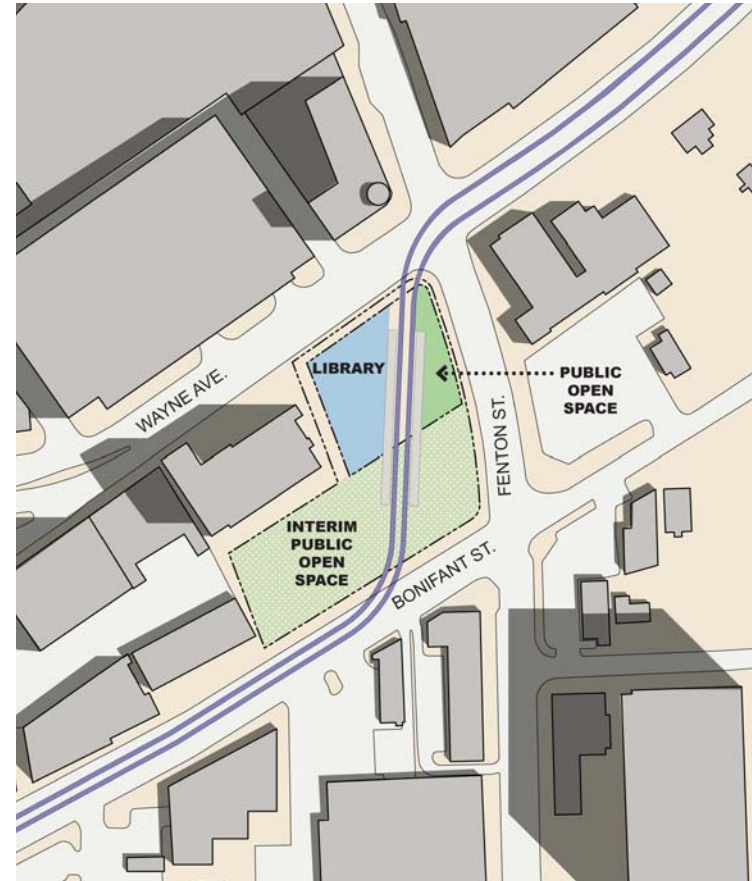
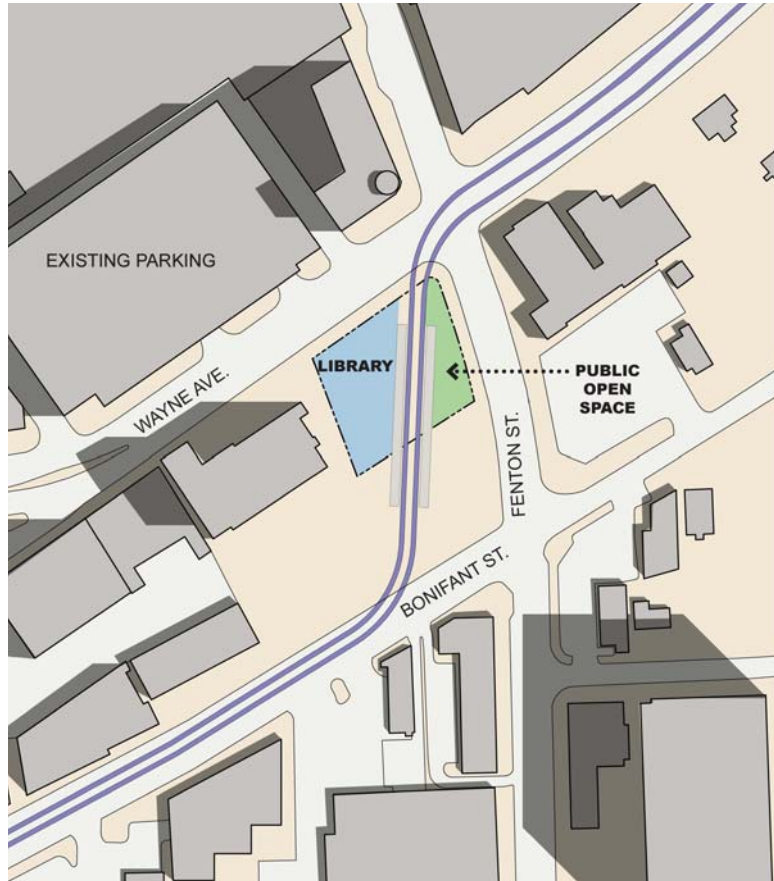
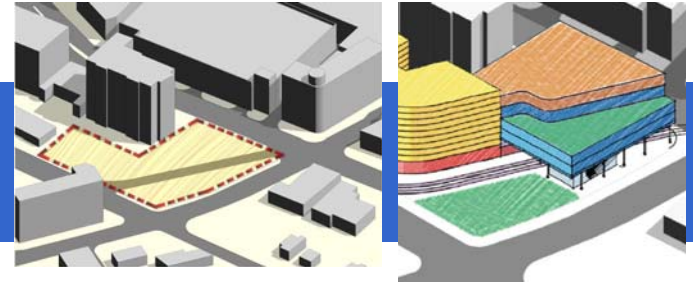
- Art space is contiguous
- All Library patrons enter on 3<sup>rd</sup> level
- Elevators interconnect all Library Floors
- Parking on 4<sup>th</sup> level of garage
- Children and adult on adjacent floors
  - convenient internal stair
- Terraces shared by all “tenants”



## Issue 3 - Public Open Space



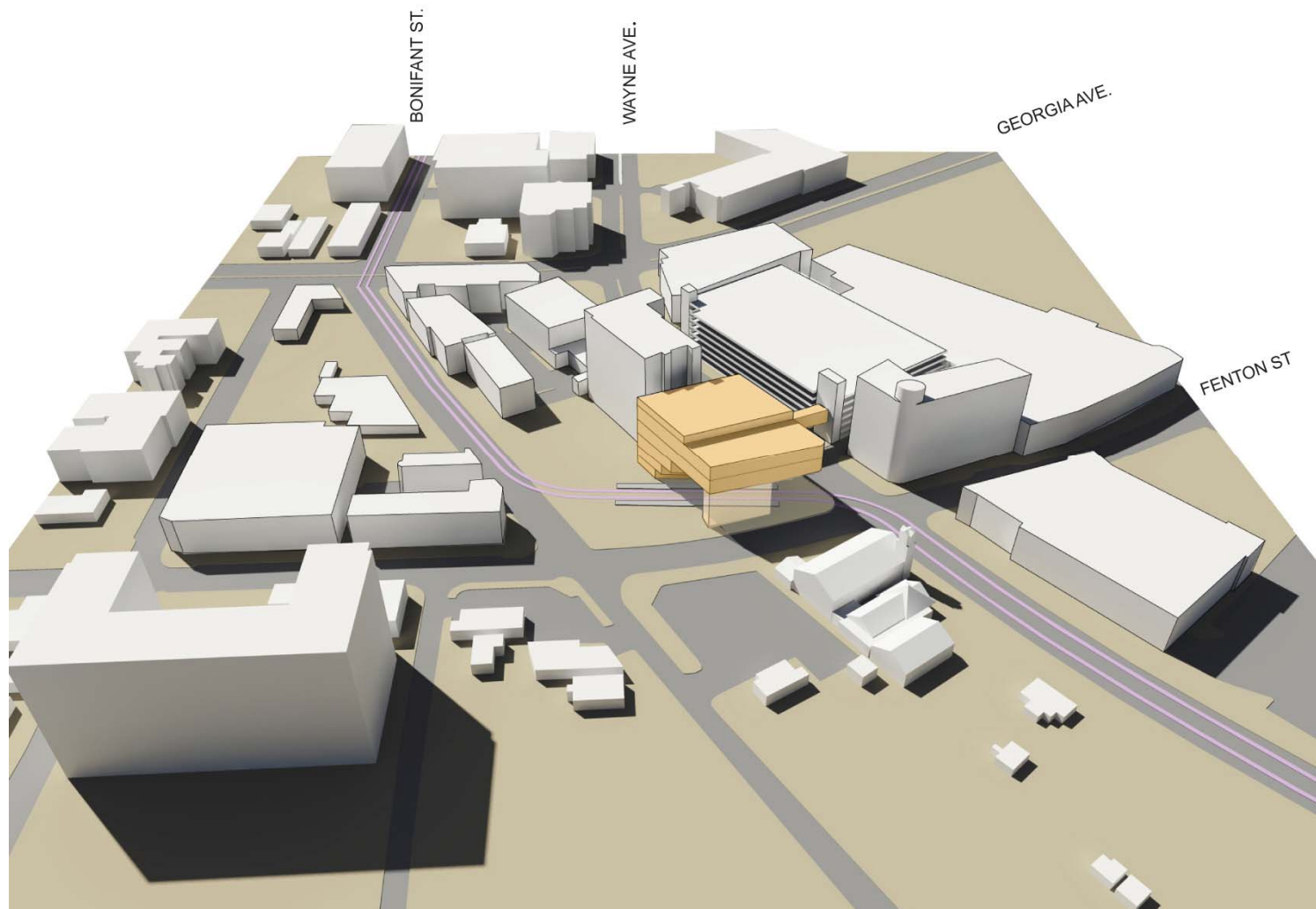
## Issue 3 - Public Open Space



There will be Permanent Open Space as Residential Development



## Issue 4 - Library Exterior



## Issue 4- Library Exterior

- Context from Fenton & Wayne



## Issue 4- Library Exterior

- Context from Fenton & Bonifant





## Sustainable Design - LEED



- **What does this translate to?**

- **Urban Density, SWM, BMP :** **Multistory Library/Green Roofs**
- **Optimize Energy Performance:** **Sunshades, Insulation, Type of Glass**
- **Daylighting of Public Areas :** **Large areas of glass, Minimizes use of electricity**
- **Green roofs:** **Captures storm water, No heat sink, Enhances views**
- **Recycled Materials:** **Finish materials, steel**
- **Low Emitting Materials:** **Type of carpet and paints**
- **Water Use Reduction:** **Low flow toilets, no Irrigation**
- **Regional Materials:** **Minimizes use of fuel**
- **Construction Waste Management:** **Divert waste from Landfills**
- **Green Education Program:** **Educates and informs public about the Environment**

## Issue 4 - Library Exterior

Visually Open



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## Issue 4- Library Interior

- Visually Open

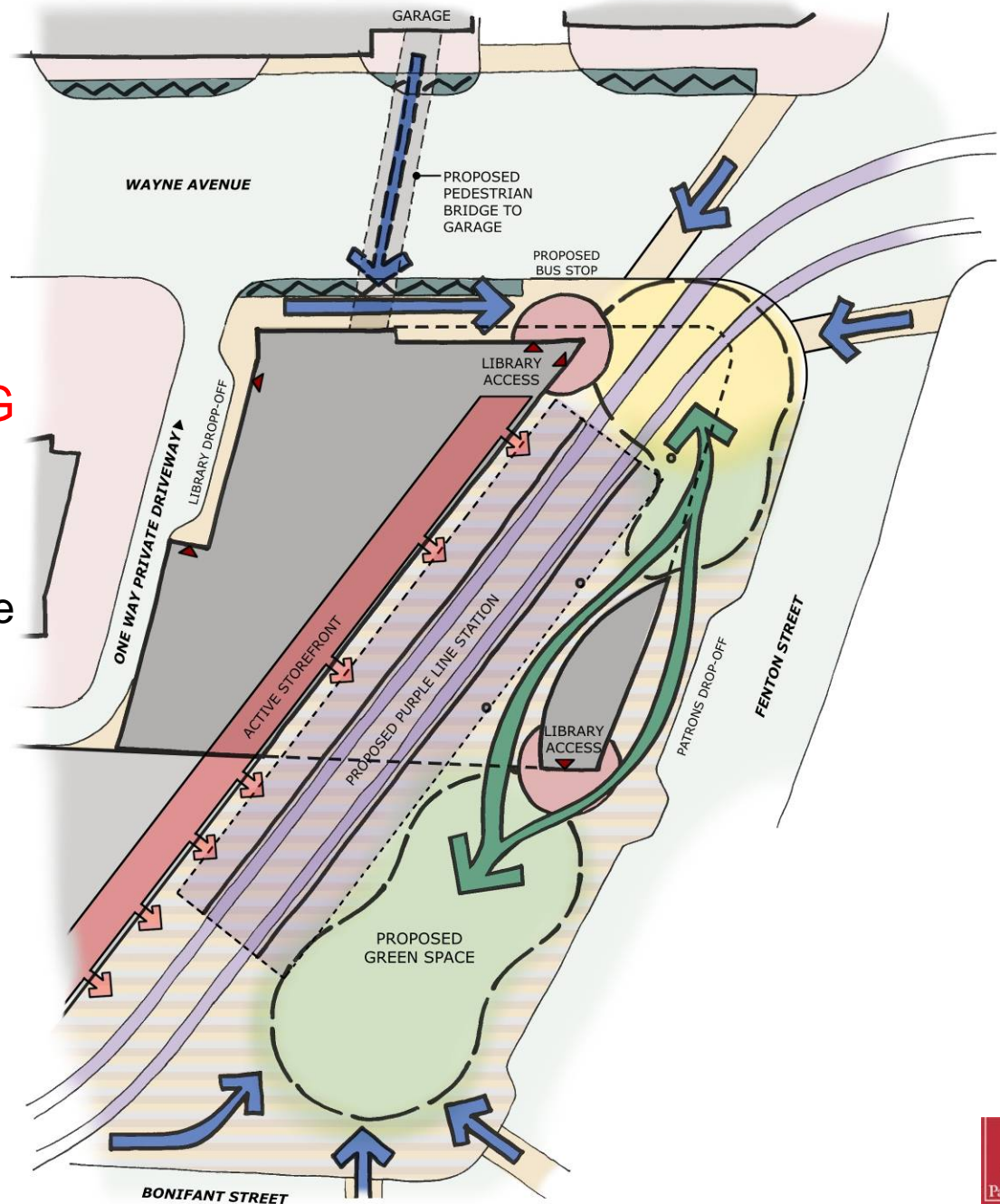




Site –May 2009

## INITIAL DESIGN MEETING

- Four Public Entrances:
  - Wayne Av / Purple Line
  - Fenton St / Park
  - Library drop off
  - Pedestrian bridge

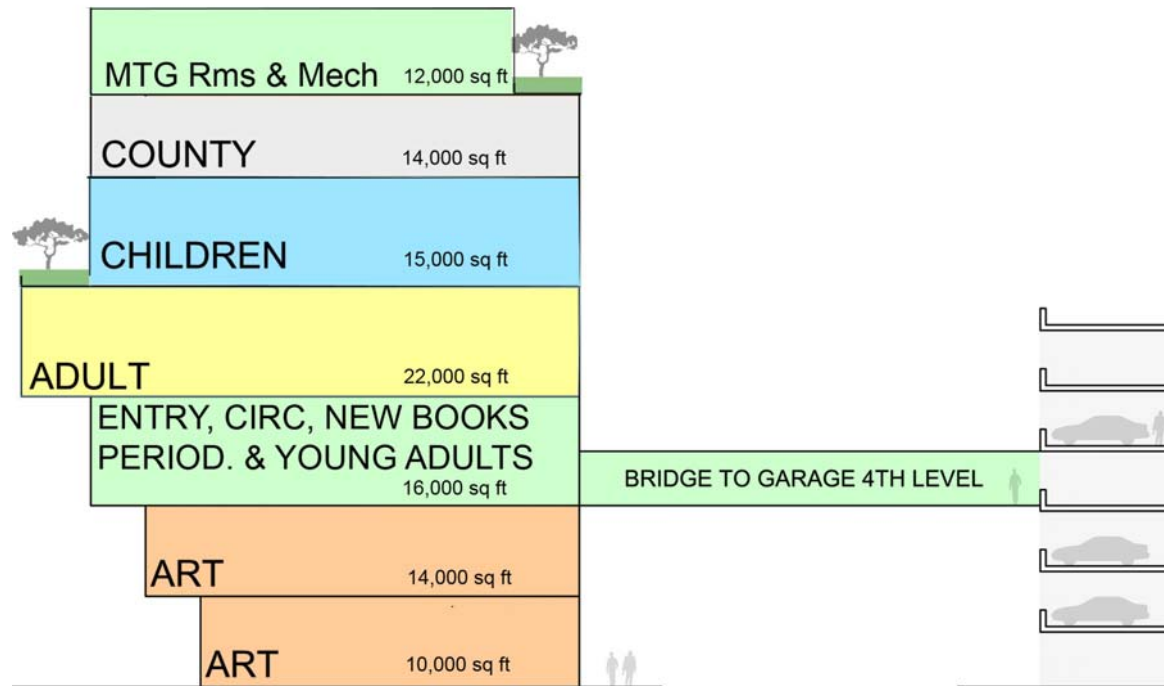


# Library Concepts - May 2009



## New Building Organization – June 2009

- Art space is on first two floors
- Library begins on 3<sup>rd</sup> level:
- Elevators connect Library floors
- Garden view from Children's floor
- Sixth Floor for County Offices
- Meeting Rms. & terrace at garden roof





# Exterior Development – July 2009



Option 1



Option 2



Option 3

# Bridge Investigation



## Schematic Design – November 2009

### PROJECT GOALS from May 2009

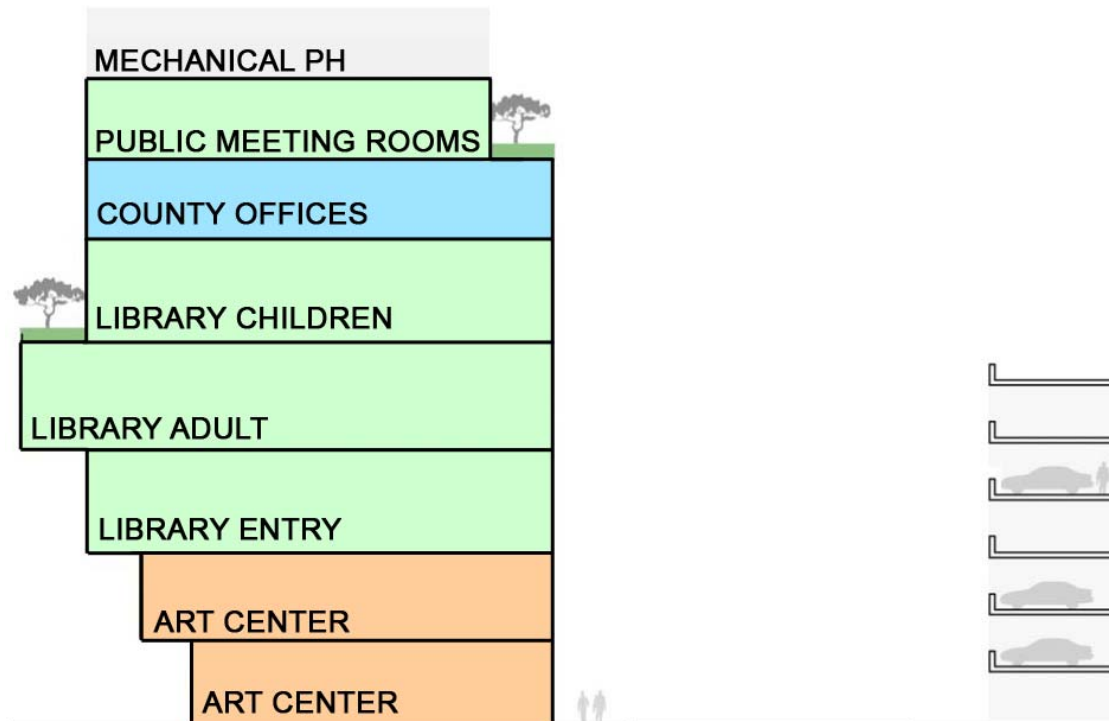
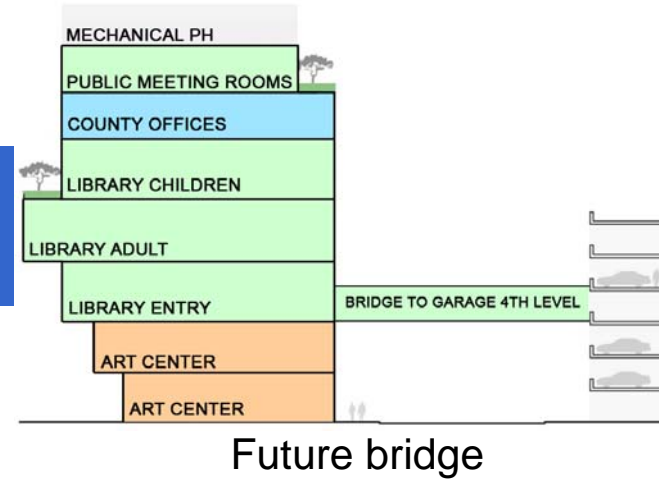
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- Showcase the Library as a Community Focus as part of a mixed use Public facility and Transit stop
- Provide Convenient Public Access
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- Respond to the Fenton Village Plan
- Create an Open, Inviting, Flexible Environment
  - Take advantage of Views from & into the Library ( visually & symbolically transparent)
- Follow Sustainable Design Principles
  - Design a Silver LEED Building



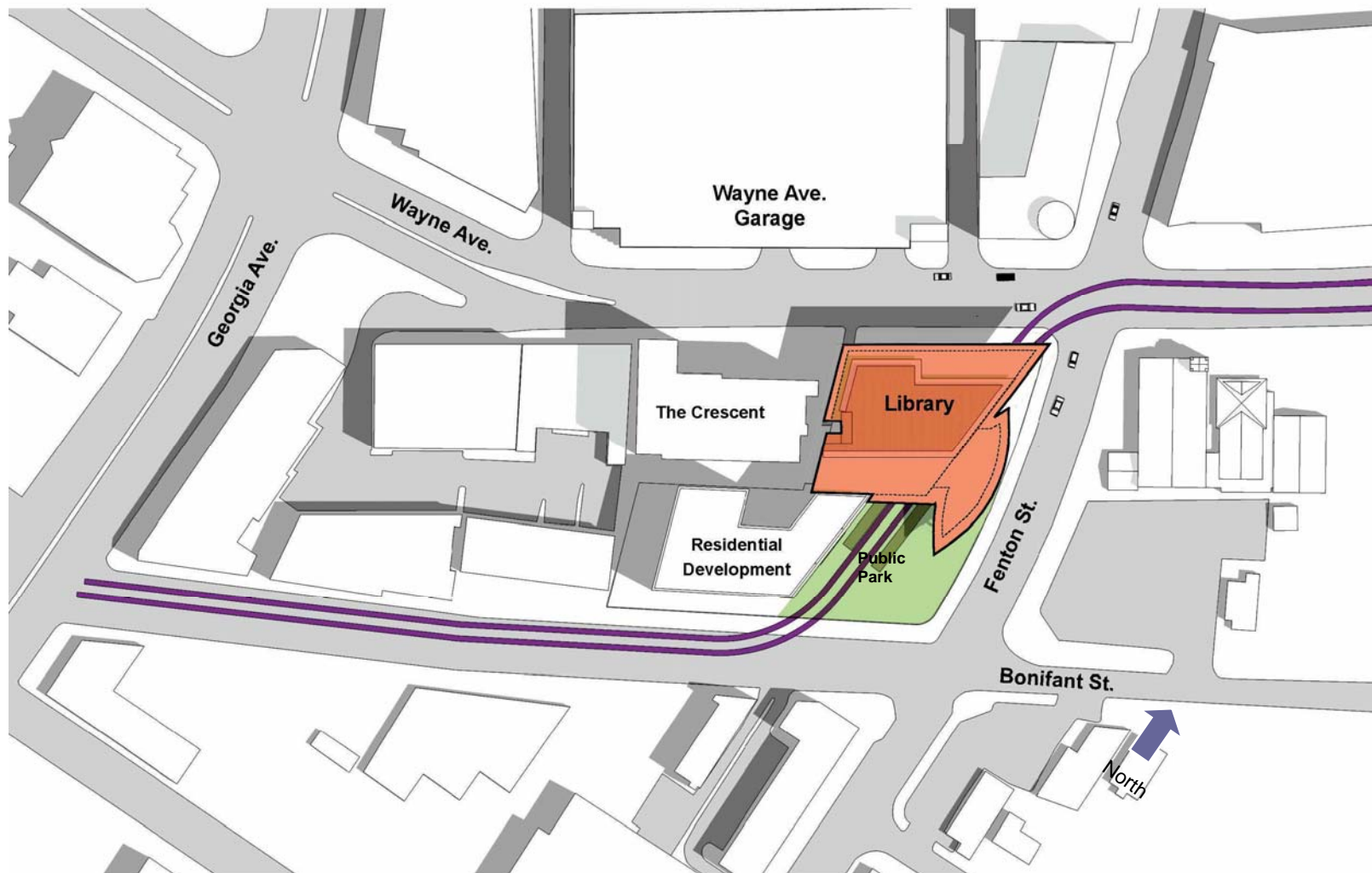


# Schematic Building Organization

- 1<sup>st</sup> Floor:
  - Library Book Drop & Reserve Book mailboxes
  - Elevator & Escalator Lobbies
  - Art Store, Gallery & Offices
  - Coffee Bar
- 2<sup>nd</sup> Floor:
  - Art Classrooms & Offices
- 3<sup>rd</sup> Floor
  - Library entry (future bridge)
  - Circ Desk, workroom & staff
  - New Books & Periodicals
  - Printing Center
  - Disability Resource Center
  - Young Adults
- 4<sup>th</sup> Floor - Library Adults' Area
- 5<sup>th</sup> Floor - Library Children's Area
- 6<sup>th</sup> Floor - County HHS Offices
- 7<sup>th</sup> Floor - Public Meeting Rooms
- Mechanical Penthouse



# Vicinity Plan



# Landscape Concept

- Continuous ground plane treatment
- Public park as extension of Library's escalator entrance
- Off-street loading dock
- ADA accessible entrances at Wayne Ave & drop-off
- ADA accessible entrance to Coffee Bar
- Integrated mass transit facilities:
  - Purple Line Station
  - Bus Stop on Wayne Ave.
  - Bus Stop on Fenton St.



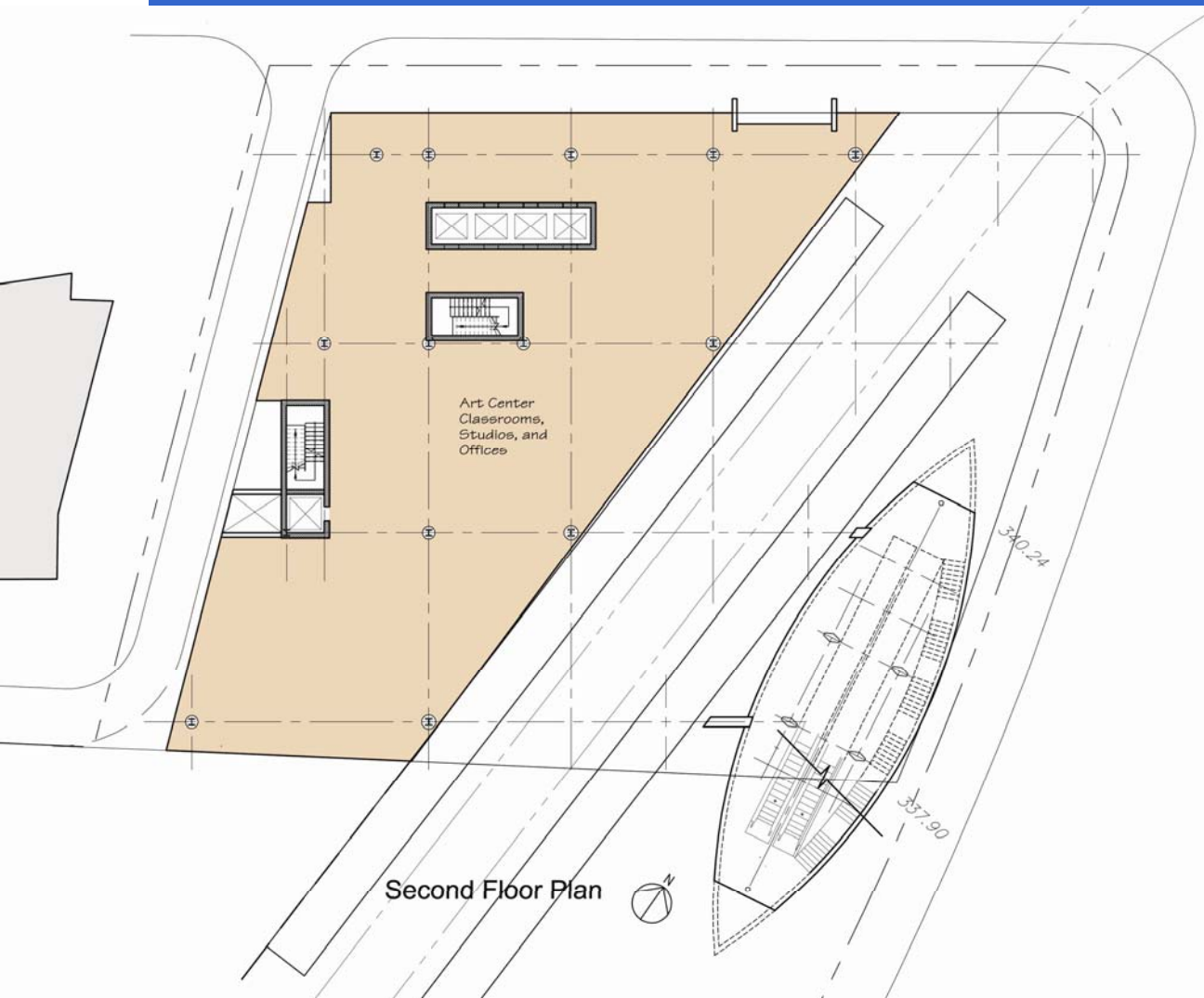


# 1st Floor Plan– Lobby, Coffee & Art Gallery



- Wayne Ave Lobby
  - Reserve Book mailboxes
  - Drop Off & Book Drop from Service Drive
- Art Store
- Art Gallery
- Art Offices
- Fenton St. Escalator Lobby
  - Entrance from public park
  - Coffee Bar
- Off street Loading Dock
- Purple Line Station

## 2nd Floor Plan – Art Classrooms & Offices



- Art Center classrooms & offices
- Upper escalator lobby



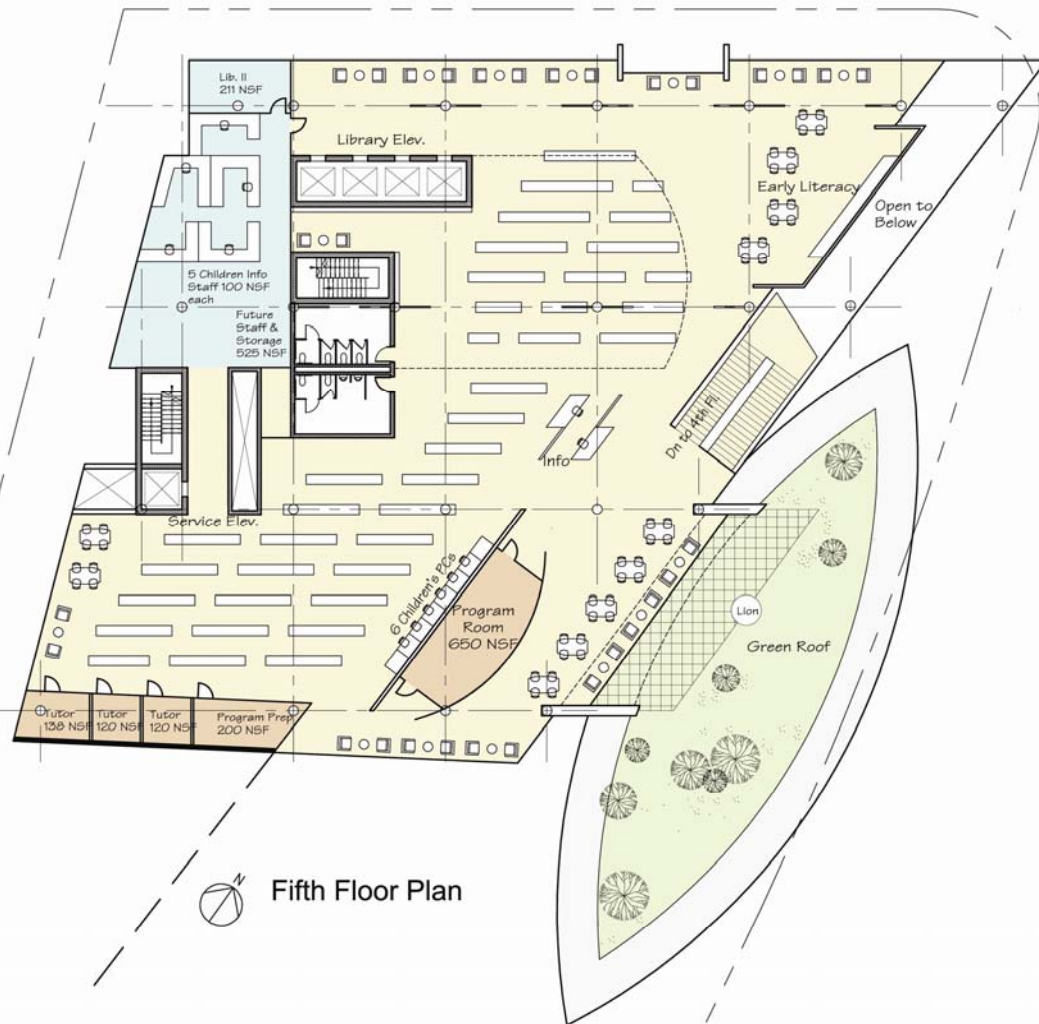


# 4th Floor Plan – Library Adult's Floor



- Library Adult Area
- Information Desk
- Grand stair to 3<sup>rd</sup> & 5<sup>th</sup> Fl. with open view of both floors
- Quiet Study w/ views of public park
- 2 Group Study Rooms
- 4 Tutor Rooms
- 36 public PCs
- 2 self-check stations
- 3 on-line catalogue computers
- PC lab (w/ 12 PCs)
- Adult Staff Offices

# 5th Floor Plan – Library Children's Floor



- Information Desk
- Grand stair to 4<sup>th</sup> Fl. w/ open view of both floors below
- Early Literacy 'walk-in' space
- Reading area w/ view of roof garden & "Lion" statue
- Children's Program Room
- 3 Tutor Rooms
- 6 public PCs
- 2 self-check stations
- 2 on-line computers
- Children's Staff Offices

# 6th Floor Plan – County Offices

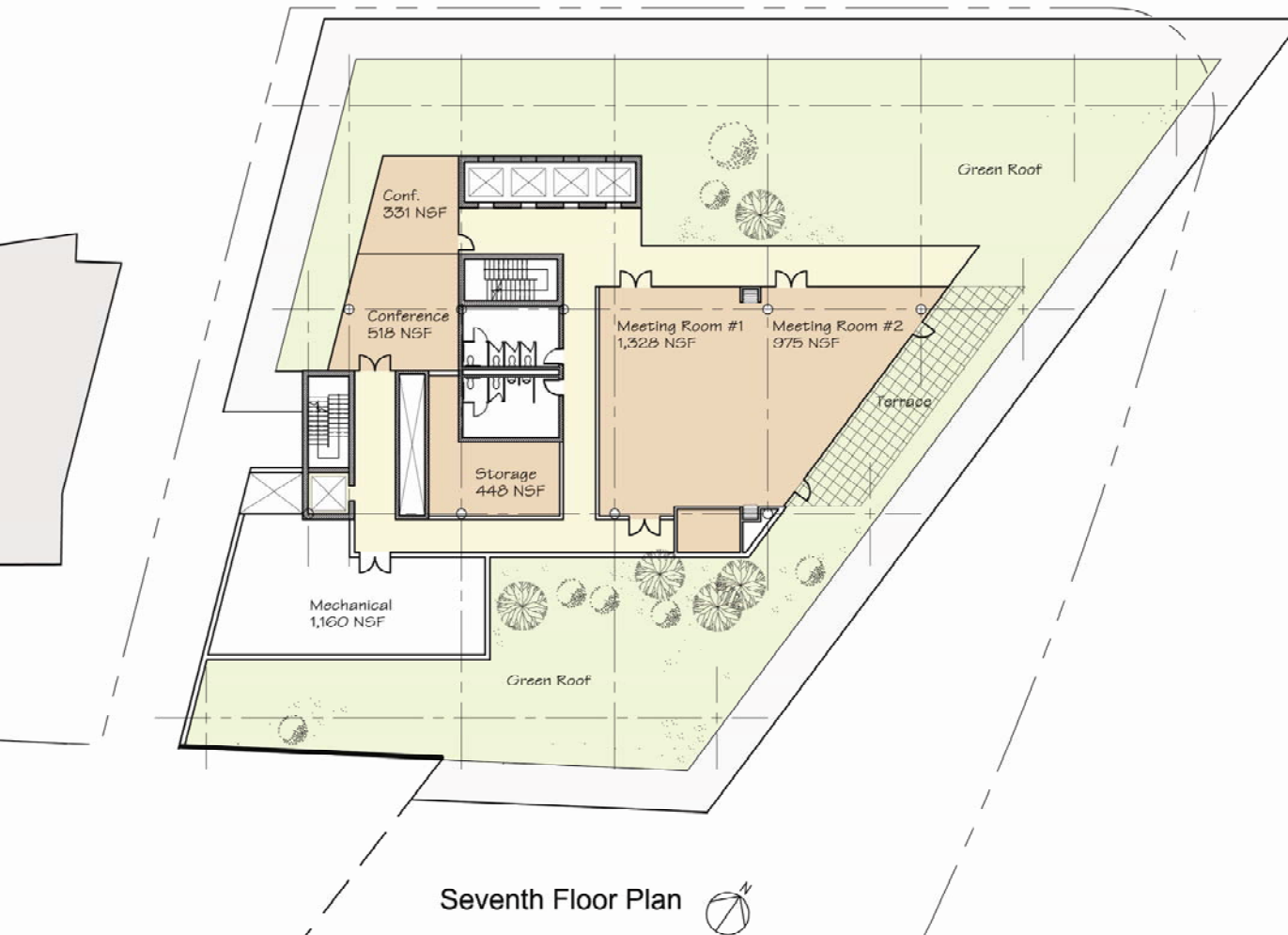


## HHS Offices

- African American Health Program (AAHP)
- Asian American Health Initiative (AAHI)
- Latino Health Initiative (LHI)
- Community Action Agency (CAA)
- Common Conference / Classroom, Copy Room, Program Files, Break Room & Storage



# 7th Floor Plan – Public Meeting Rooms



- Library Public Meeting Room with access to terrace and views to roof garden
- Library Public Conference Rooms

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# Fenton Street Elevation



# Wayne Avenue Elevation





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# Wayne & Fenton



Schematic Design

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# Wayne & Fenton - with future pedestrian bridge



Schematic Design with bridge

# Wayne & Fenton



Schematic Design



# Wayne & Fenton with existing context



Schematic Design

# View from Bonifant & Fenton



Schematic Design



# Night View from Bonifant & Fenton



Schematic Design



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## Night View from Fenton St.



# Night View from Wayne & Fenton



Schematic Design

# Escalator Lobby - view to 3<sup>rd</sup> Floor



Schematic Design



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## 4<sup>th</sup> Floor / Adult - view from elevators





# 4<sup>th</sup> Floor / Adult - view from Group Study



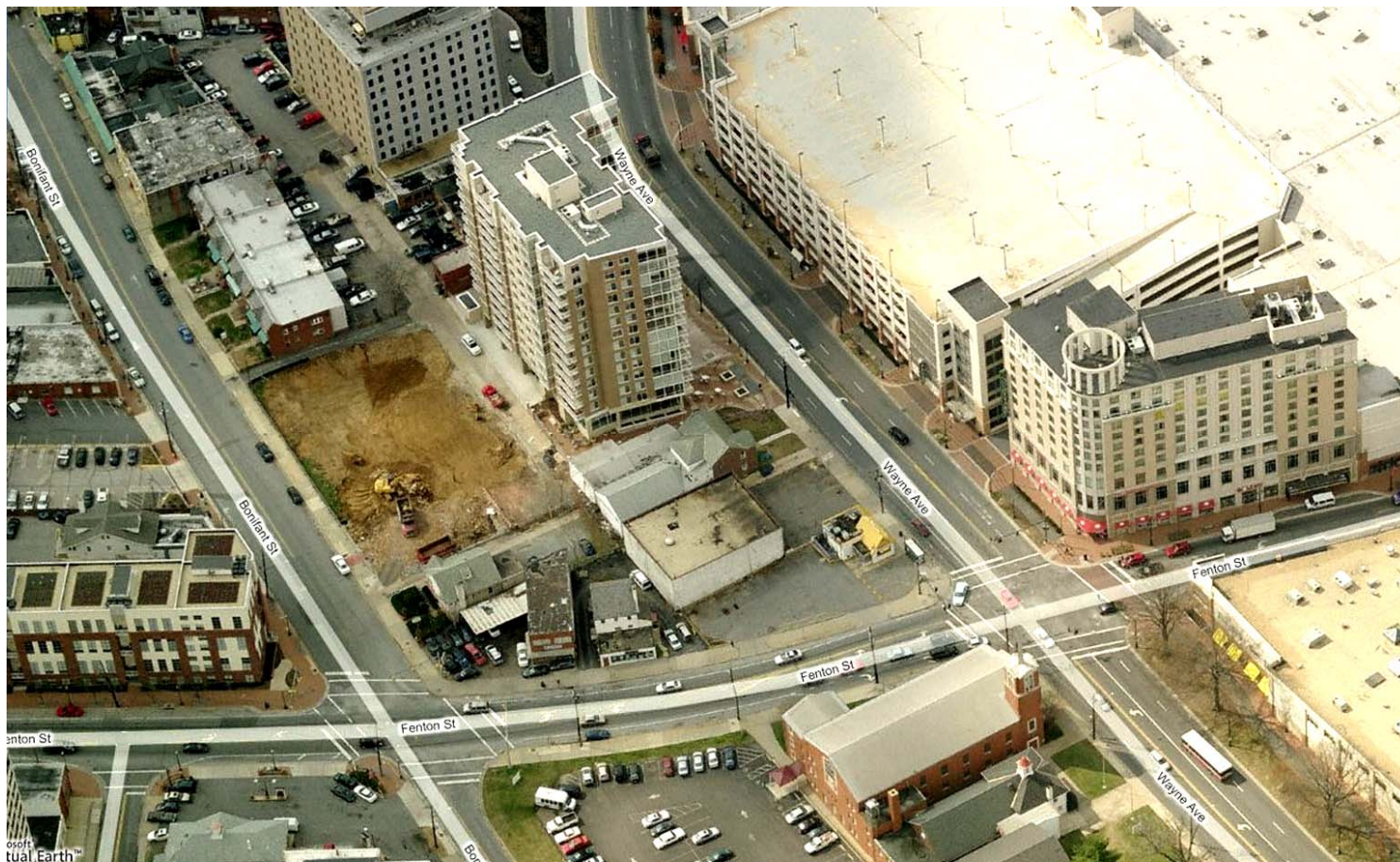


## 4<sup>th</sup> Floor / Adult - view to Group Study





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November 7, 2009

